

Operational Forum Meeting



21st September 2016, 10:30AM

Radisson Grafton Hotel, 130 Tottenham Court Road, London.

System Management Principles Statement



- **Compliance report for June, July and August 2016**
- **Summary of balancing actions and breaches for June, July and August 2016**
- **Performance compared to last year**

Summary Report

1st January 2016 to 31st August 2016

	Jun-16	Jul-16	Aug-16
Total Number of Buy Actions	1	3	0
Total Number of Sell Actions	16	3	12
Total	17	6	12

	Jun-16	Jul-16	Aug-16
Number of Material Breaches	0	0	0
Number of Non-Material Breaches	0	0	0

	Aug-16	Aug-15
Number of Balancing Actions (Calendar year to date)	97	128
Number of Material Breaches (Calendar year to date)	0	0
Number of Non-Material Breaches (Calendar year to date)	0	0

Operational Overview

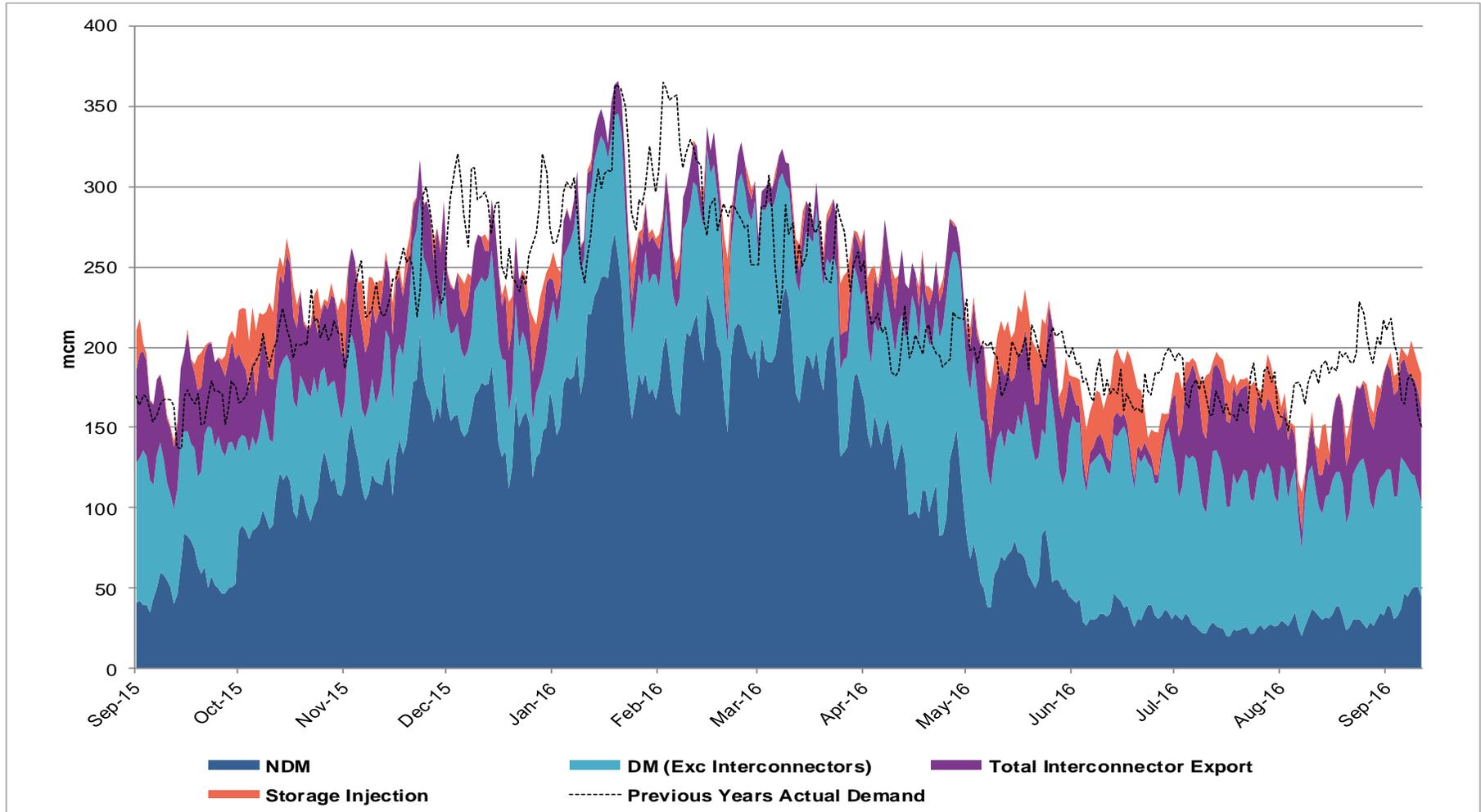


Demands



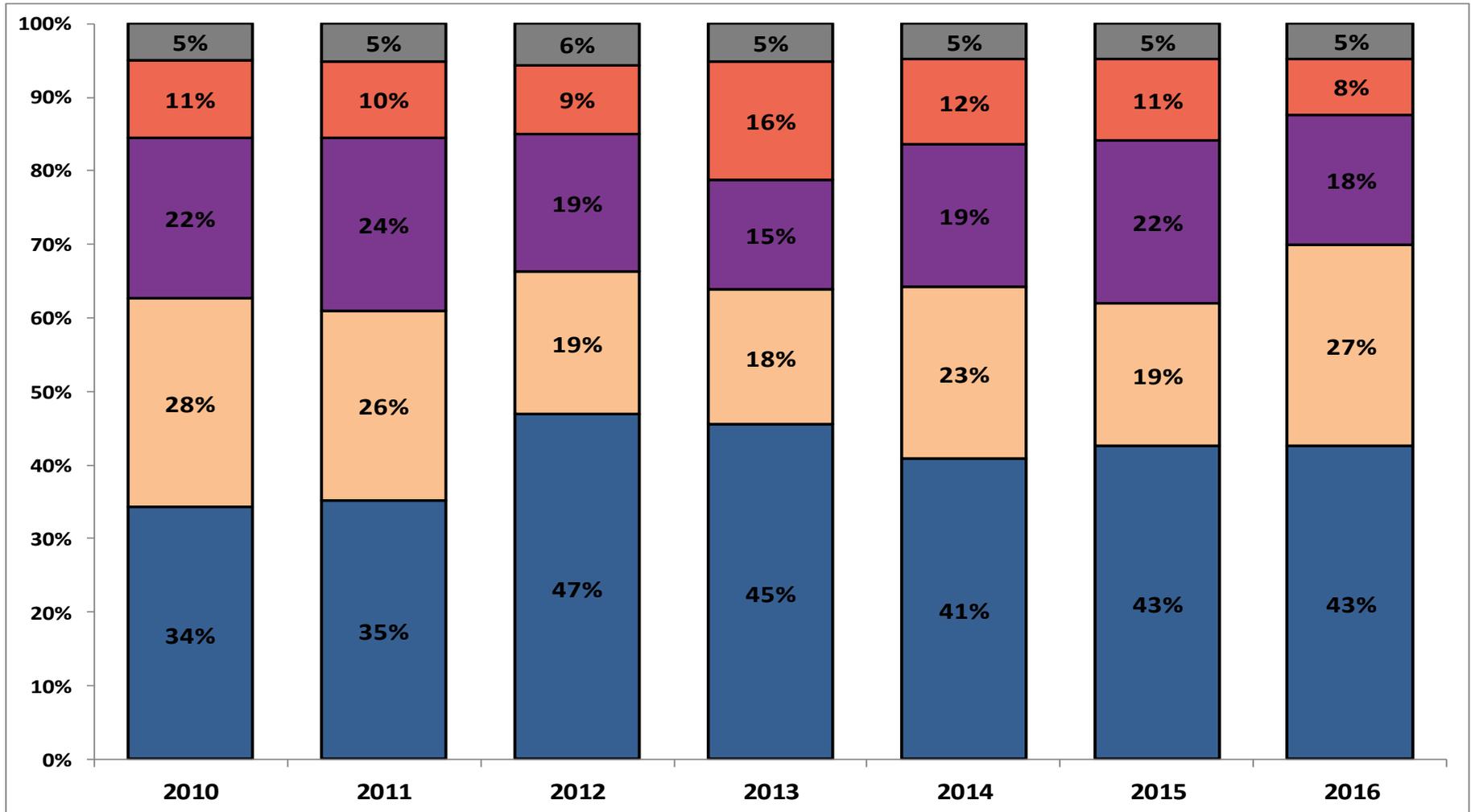
Gas Demand Breakdown

1st September 2015 to 11th September 2016 vs Previous Year



Gas Demand Breakdown

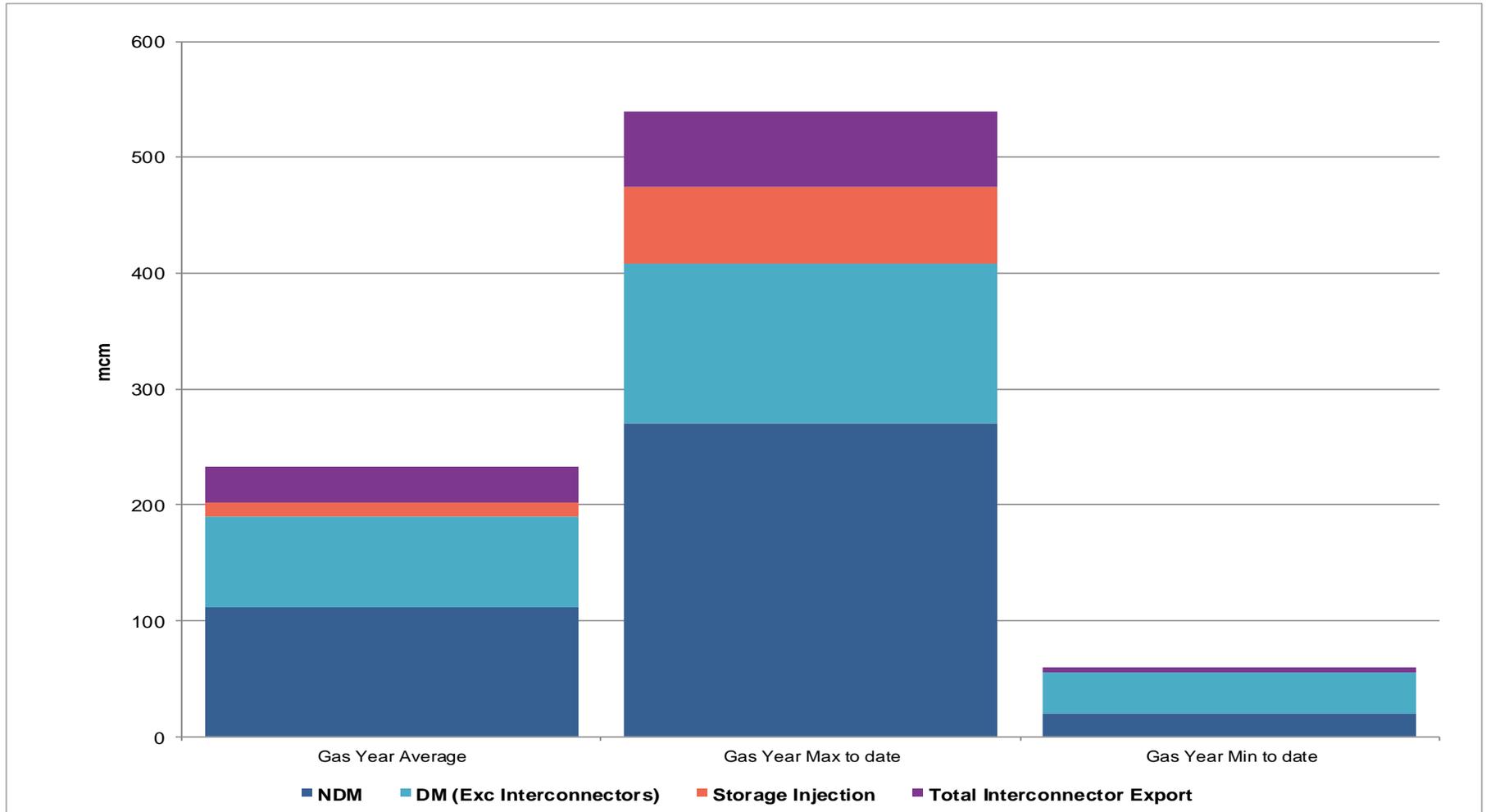
1st April to 11th September 2016 vs Same Period in Previous Years



LDZ Power Station Interconnectors Storage Industrial

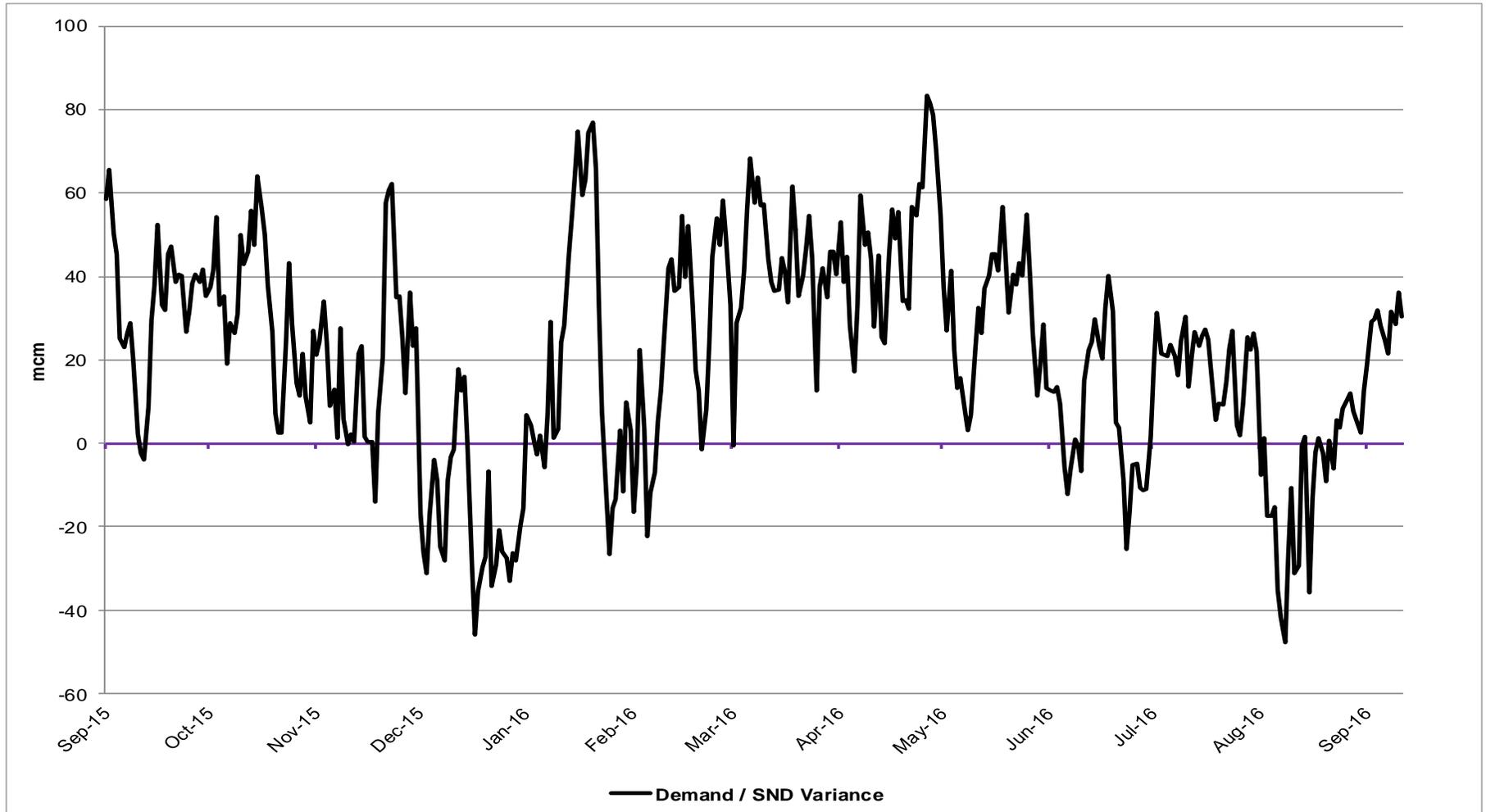
Gas Demand Statistics

1st October 2015 to 11th September 2016



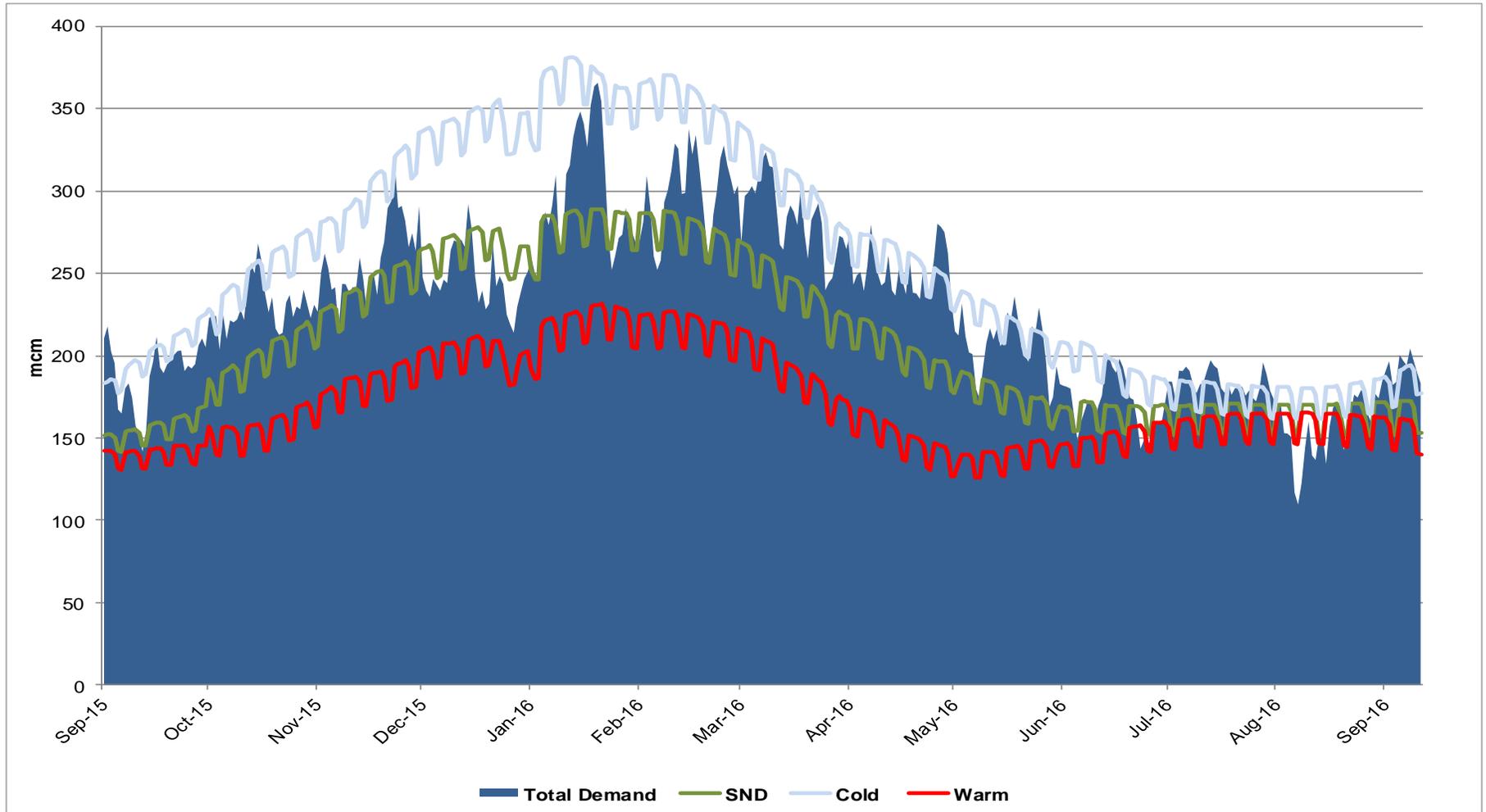
Demand Variance from SND

1st September 2015 to 11th September 2016



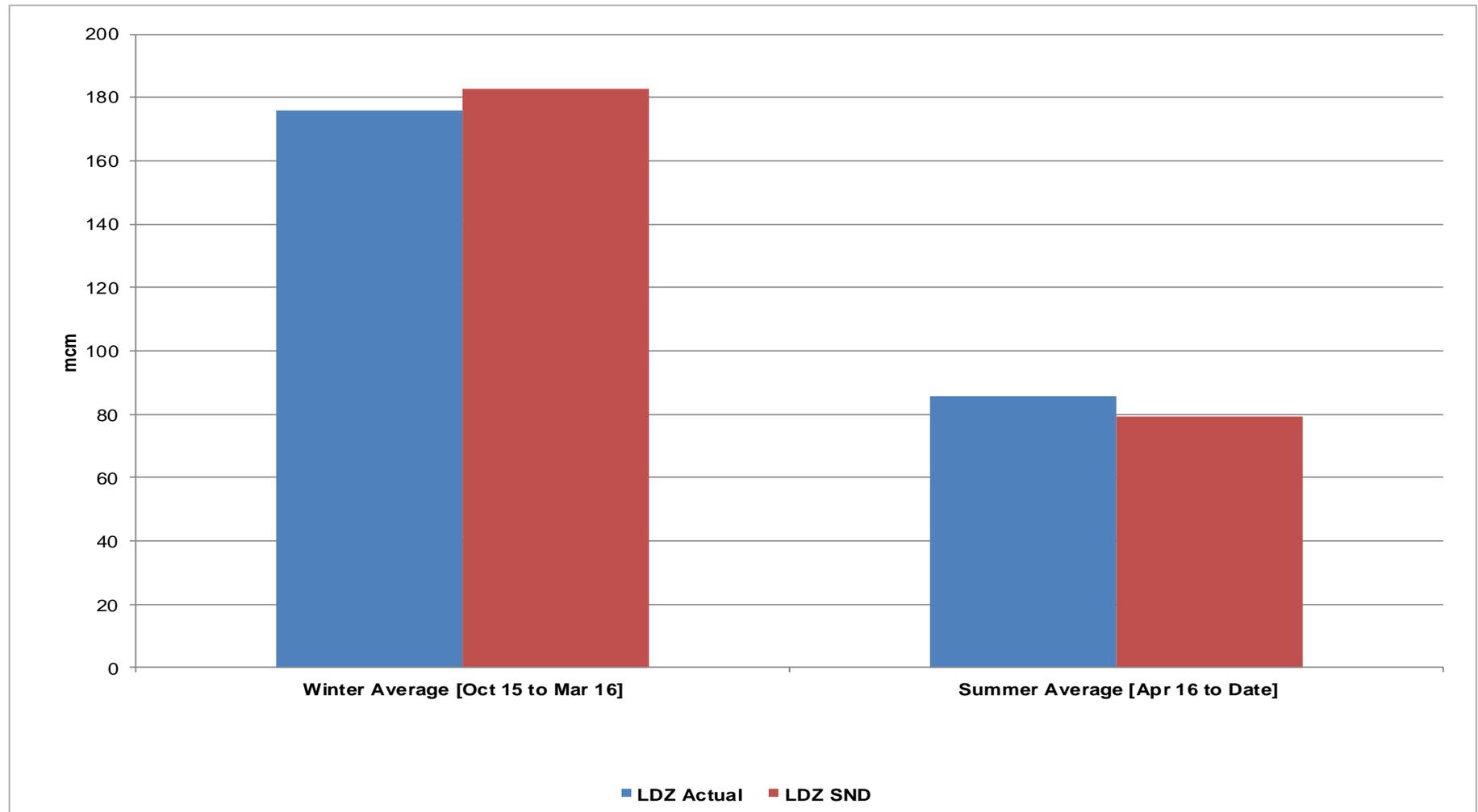
Gas Demand Vs SND / Cold / Warm

1st September 2015 to 11th September 2016



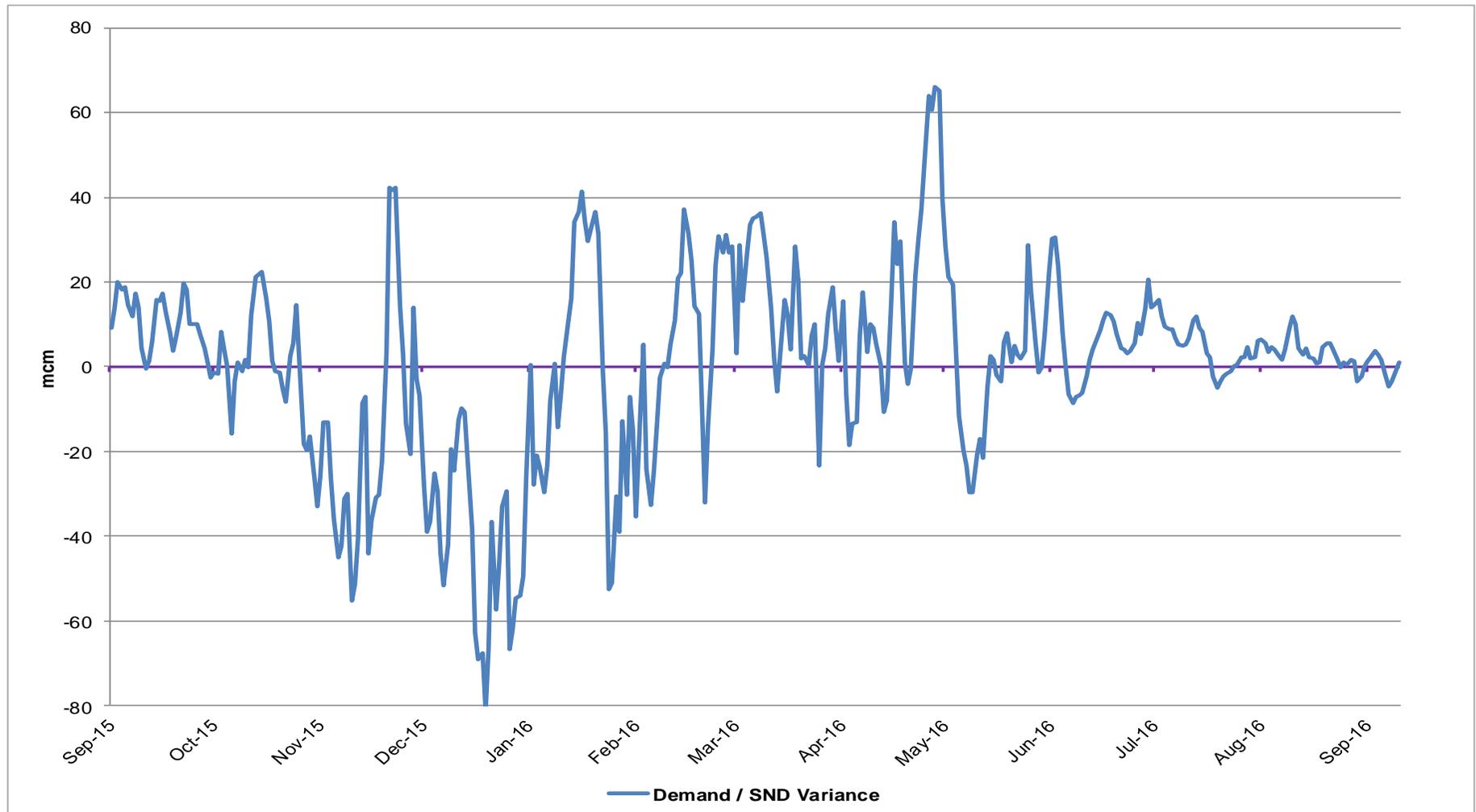
LDZ Actual Demand Vs LDZ SND

1st October 2015 to 11th September 2016



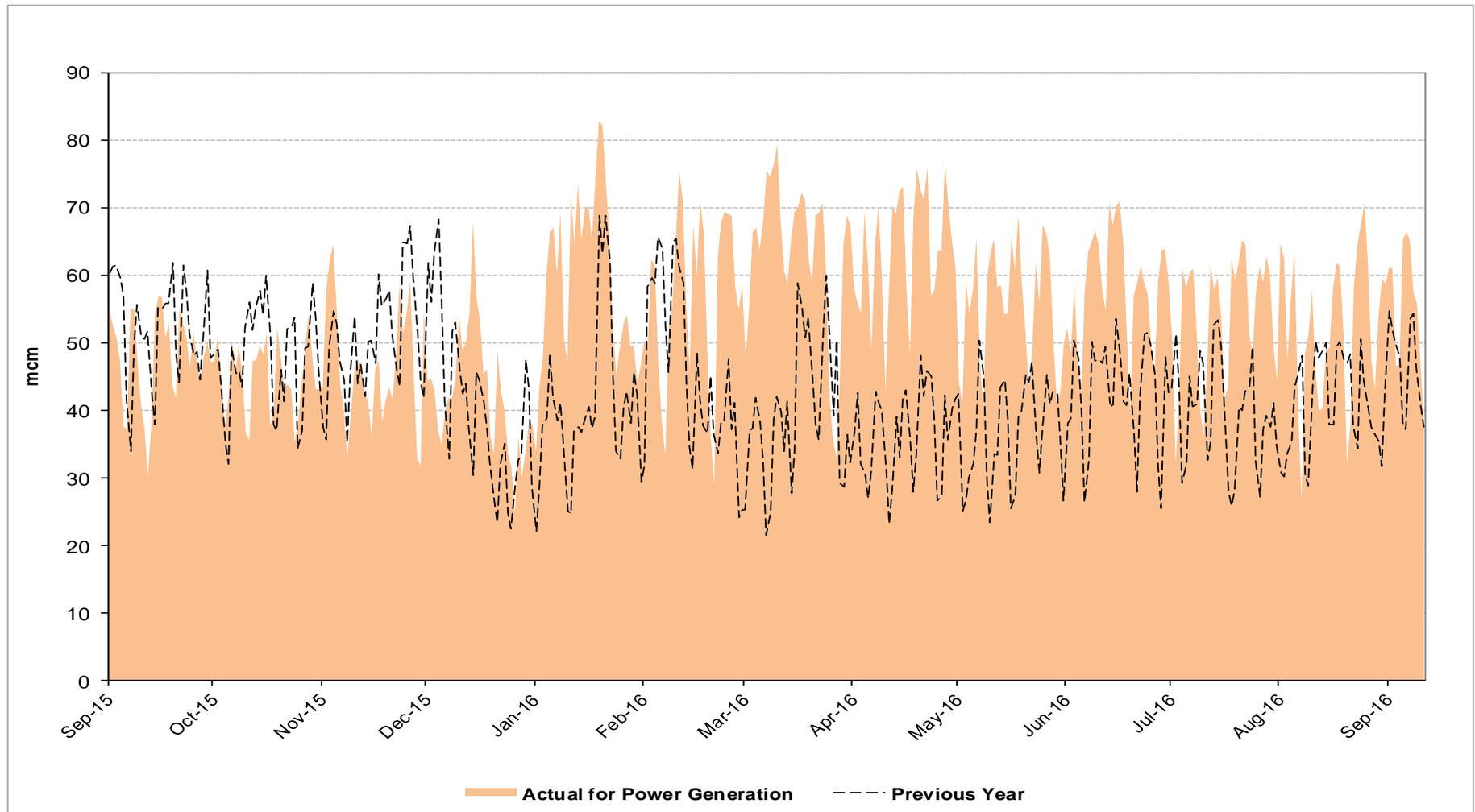
LDZ Demand / LDZ SND Variance

1st September 2015 to 11th September 2016



Gas Consumption for Power Generation

1st September 2015 to 11th September 2016

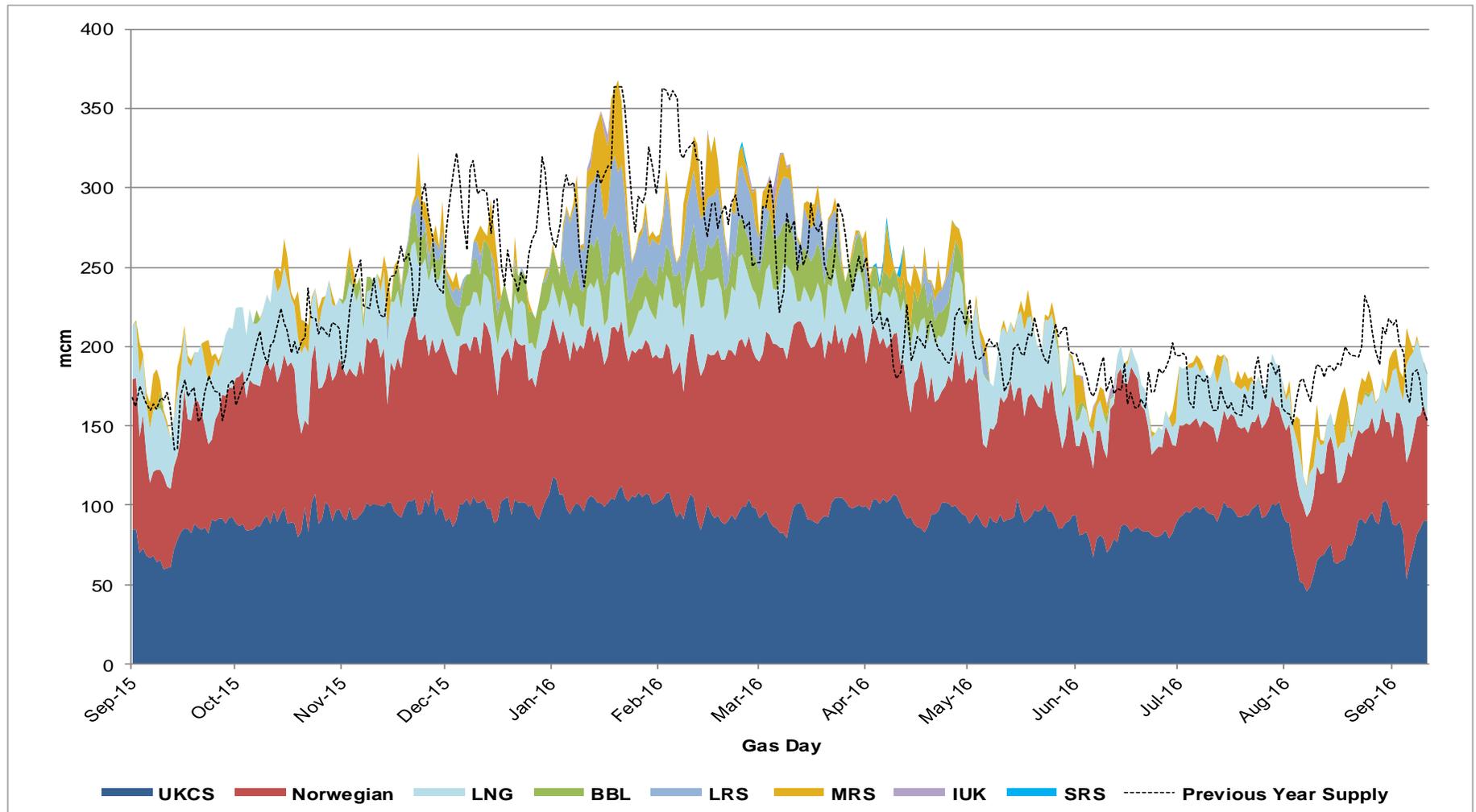


Supplies



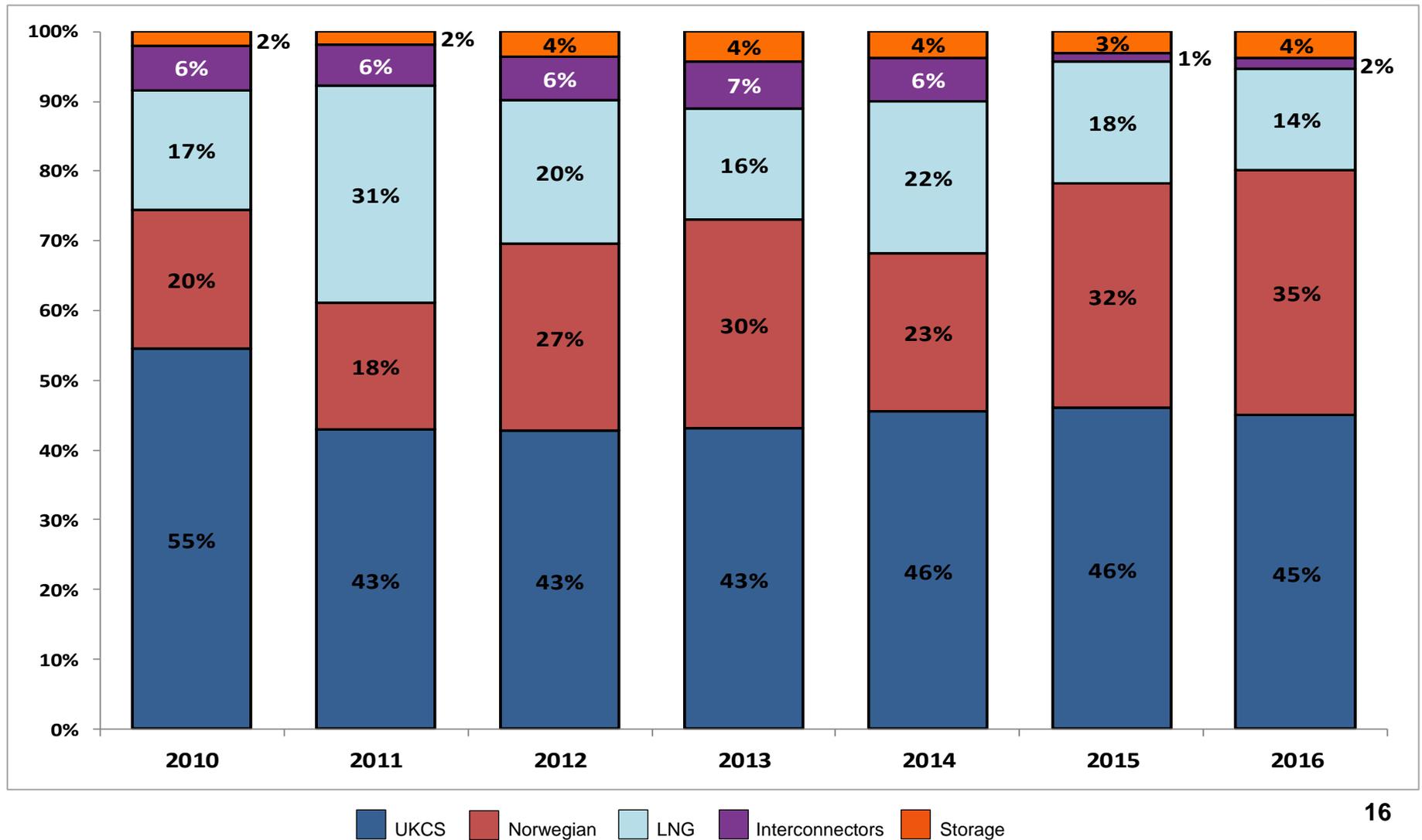
Gas Supply Breakdown

1st September 2015 to 11th September 2016 vs Previous Year



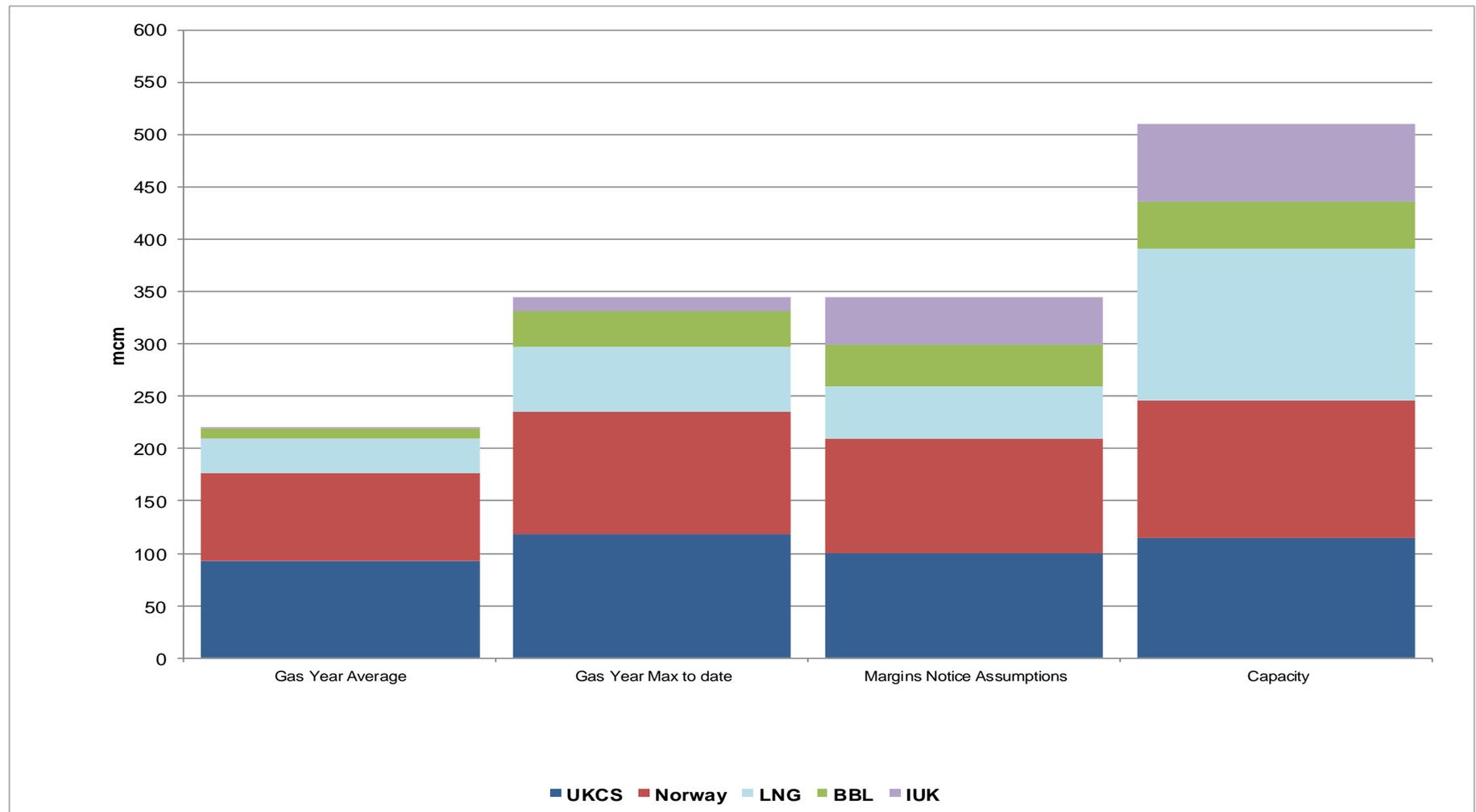
Gas Supply Breakdown

1st April to 11th September 2016 vs Same Period in Previous Years



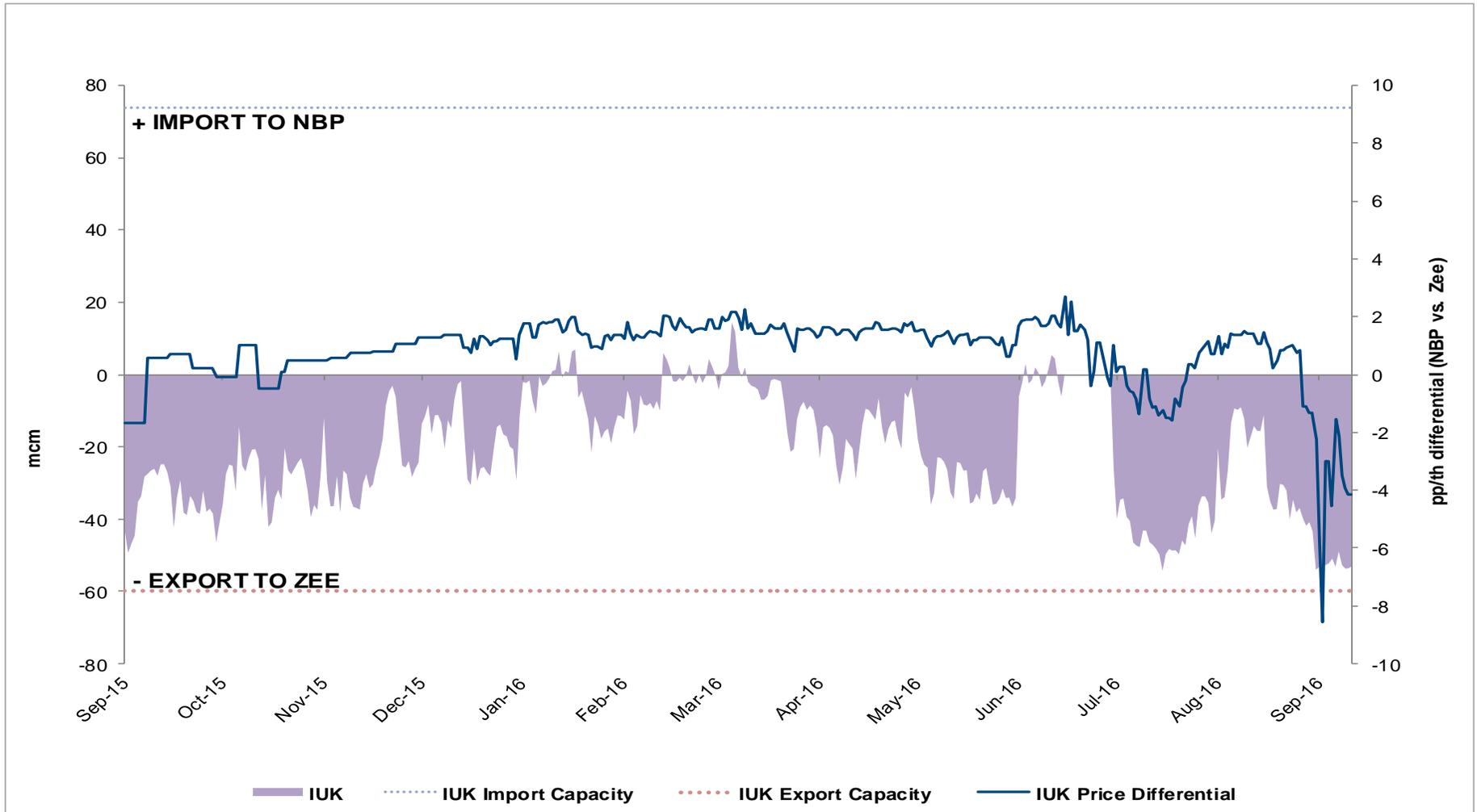
NSS (Non Storage Supply)

1st October 2015 to 11th September 2016



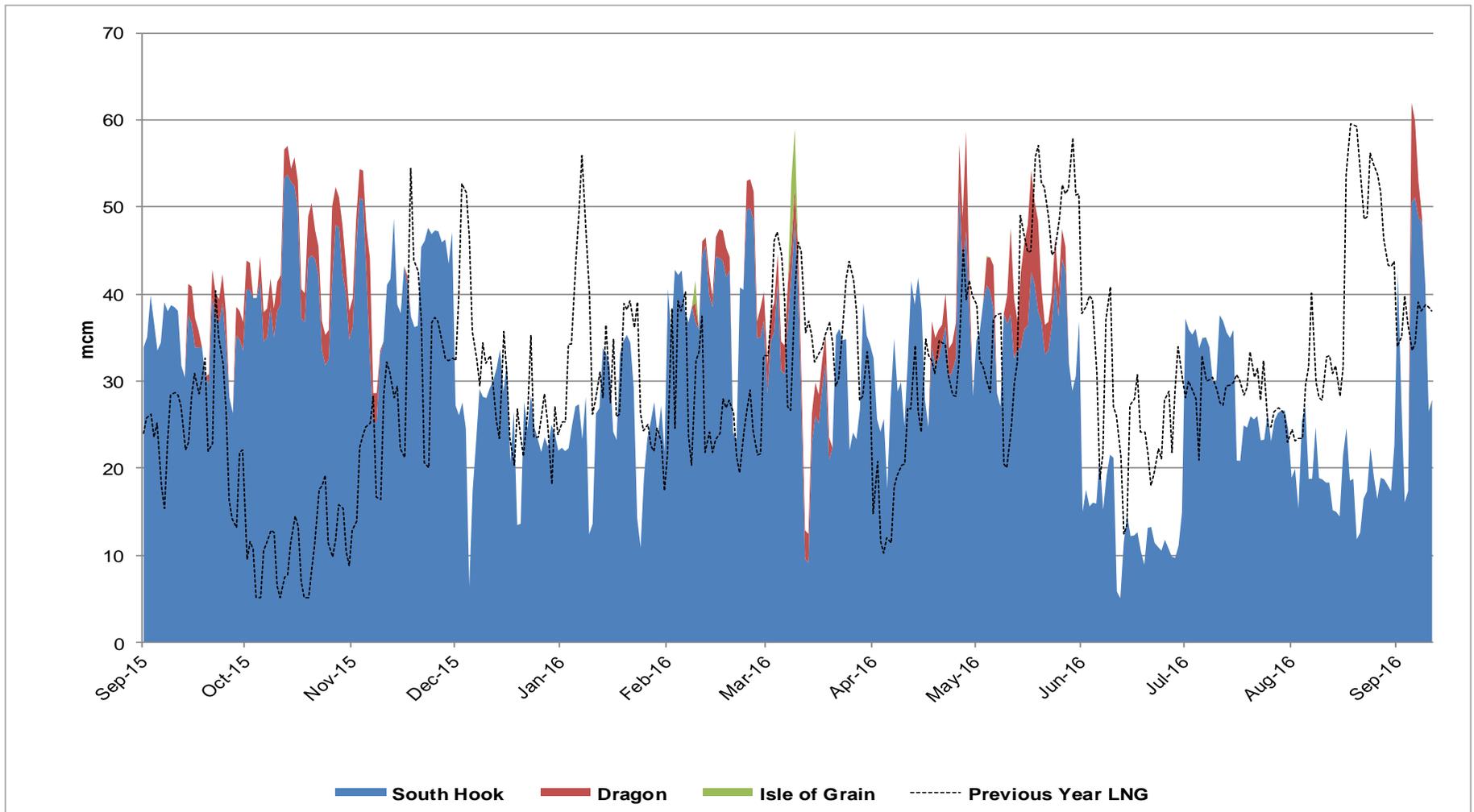
IUK Flows vs NBP & ZEE Price Differential

1st September 2015 to 11th September 2016



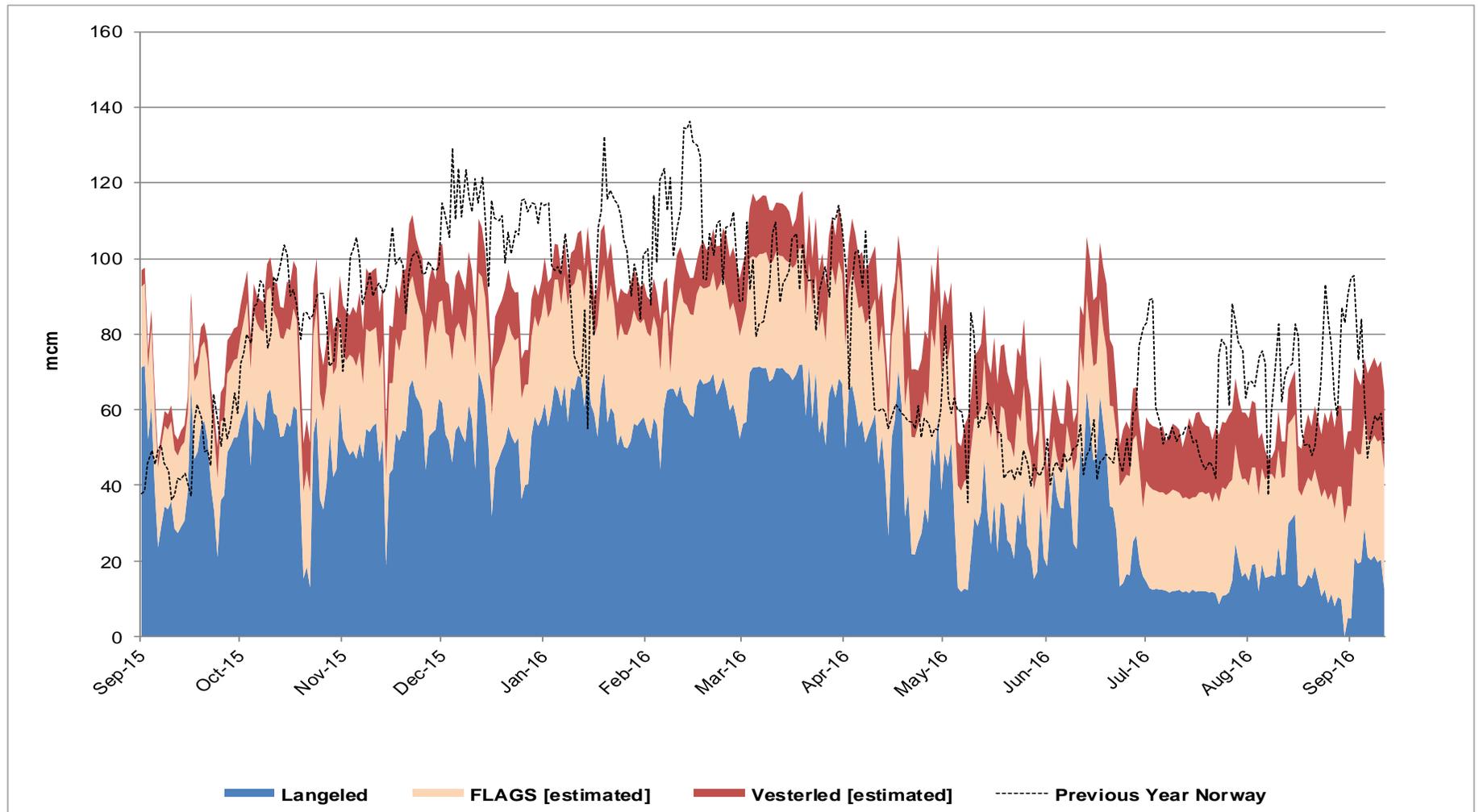
LNG Terminal Flows

1st September 2015 to 11th September 2016



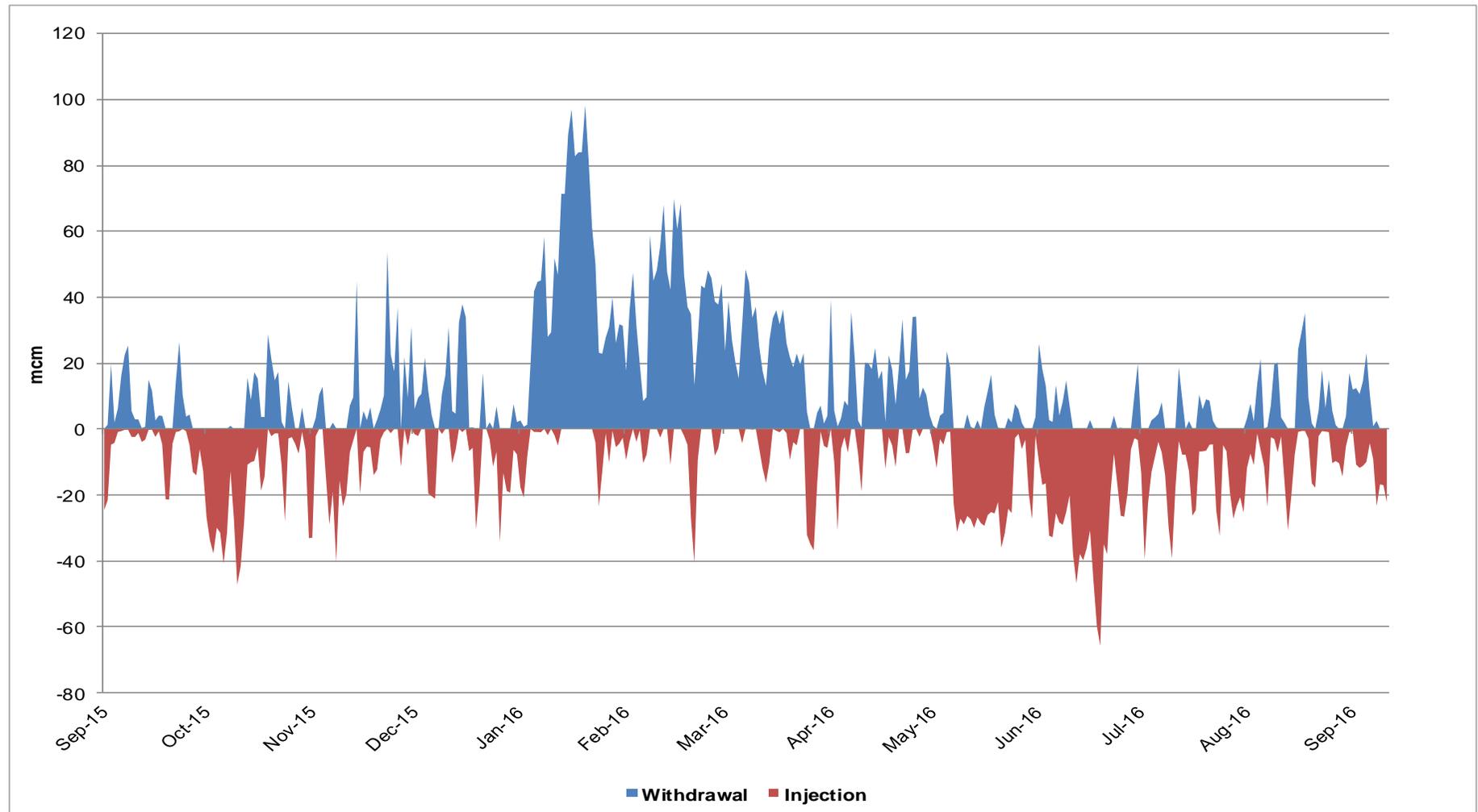
Norwegian Flows

1st September 2015 to 11th September 2016



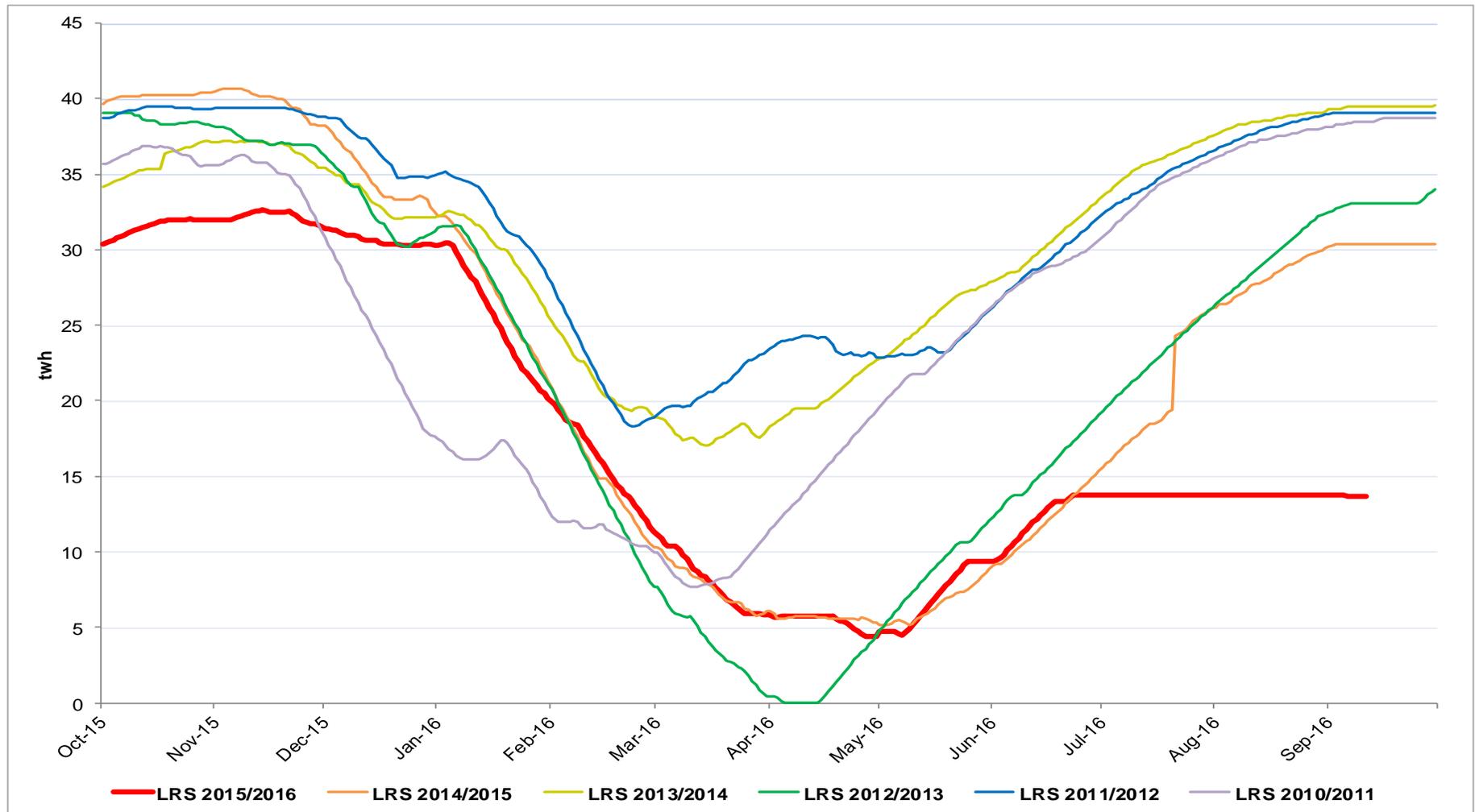
Storage Withdrawal vs Injection

1st September 2015 to 11th September 2016



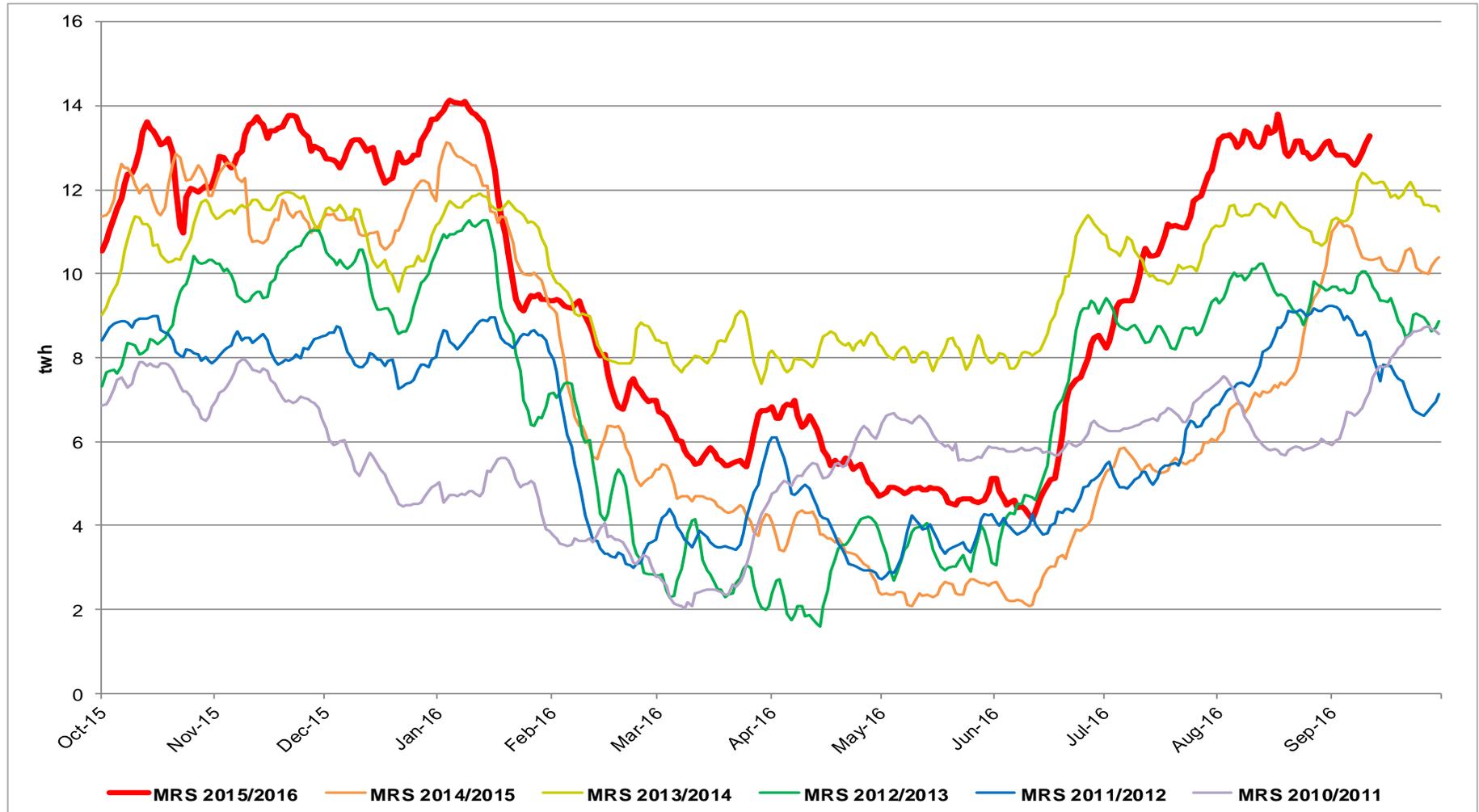
Long Range Storage Stocks (LRS)

1st October 2015 to 11th September 2016 vs Previous Year



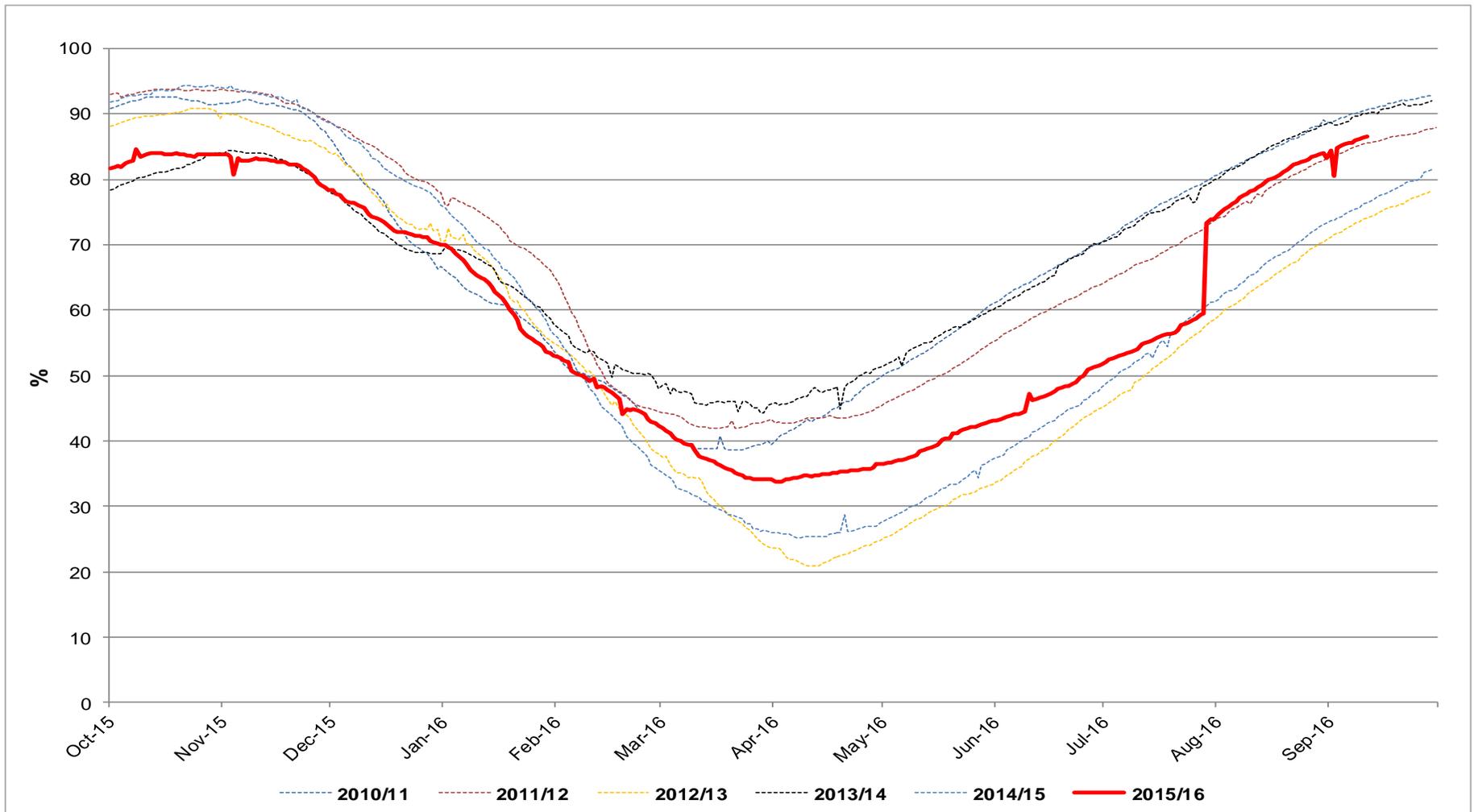
Medium Range Storage Stocks (MRS)

1st October 2015 to 11th September 2016 vs Previous Year



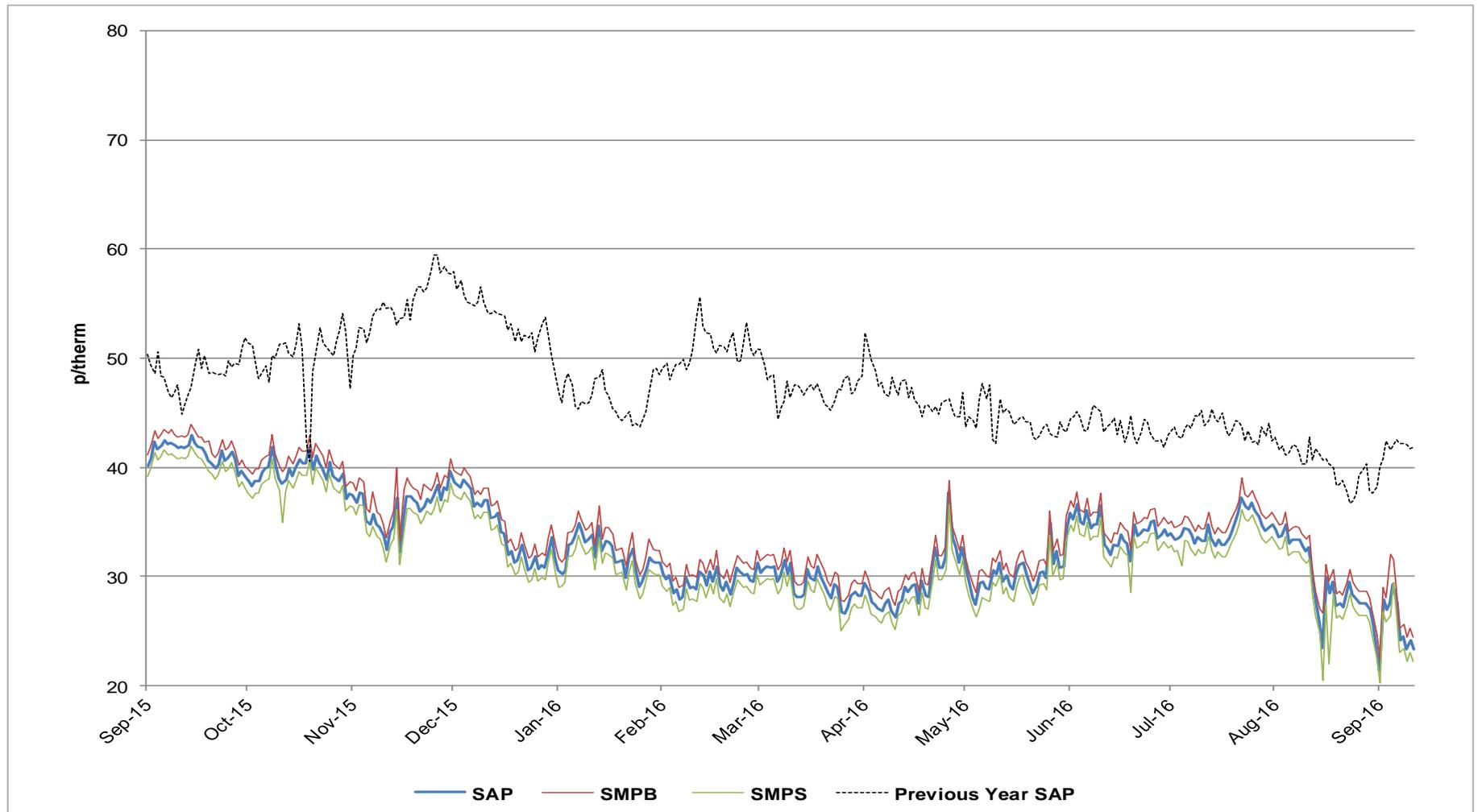
Combined EU Storage Stocks (% Full)

1st October 2015 to 11th September 2016 vs Previous Year



UK Gas Prices

1st September 2015 to 11th September 2016 vs Previous Year



What Operational Issues Affected Users?



Transporter Actions and Neutrality

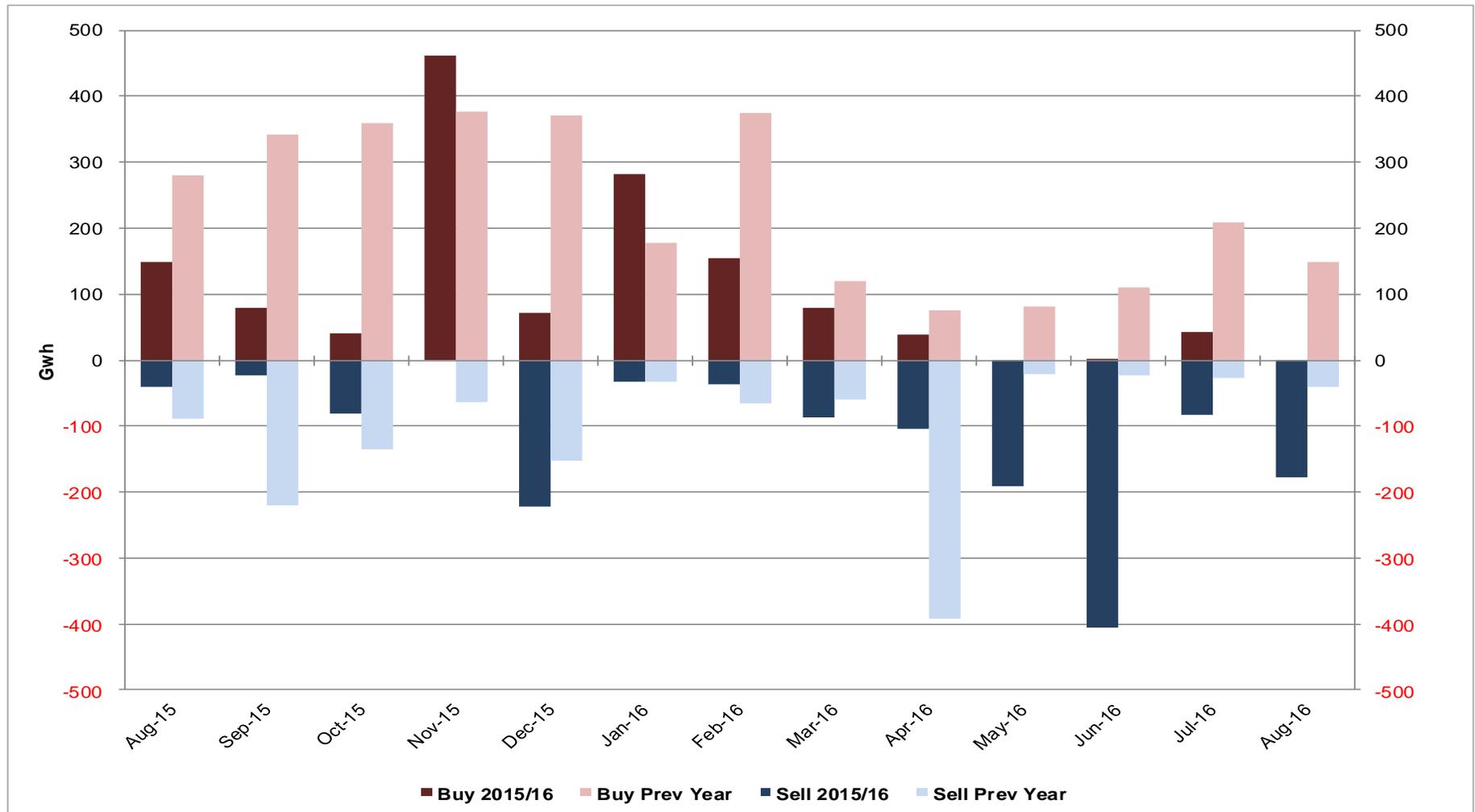


- Energy Balancing
- Capacity

Transporter Energy Traded on the OCM

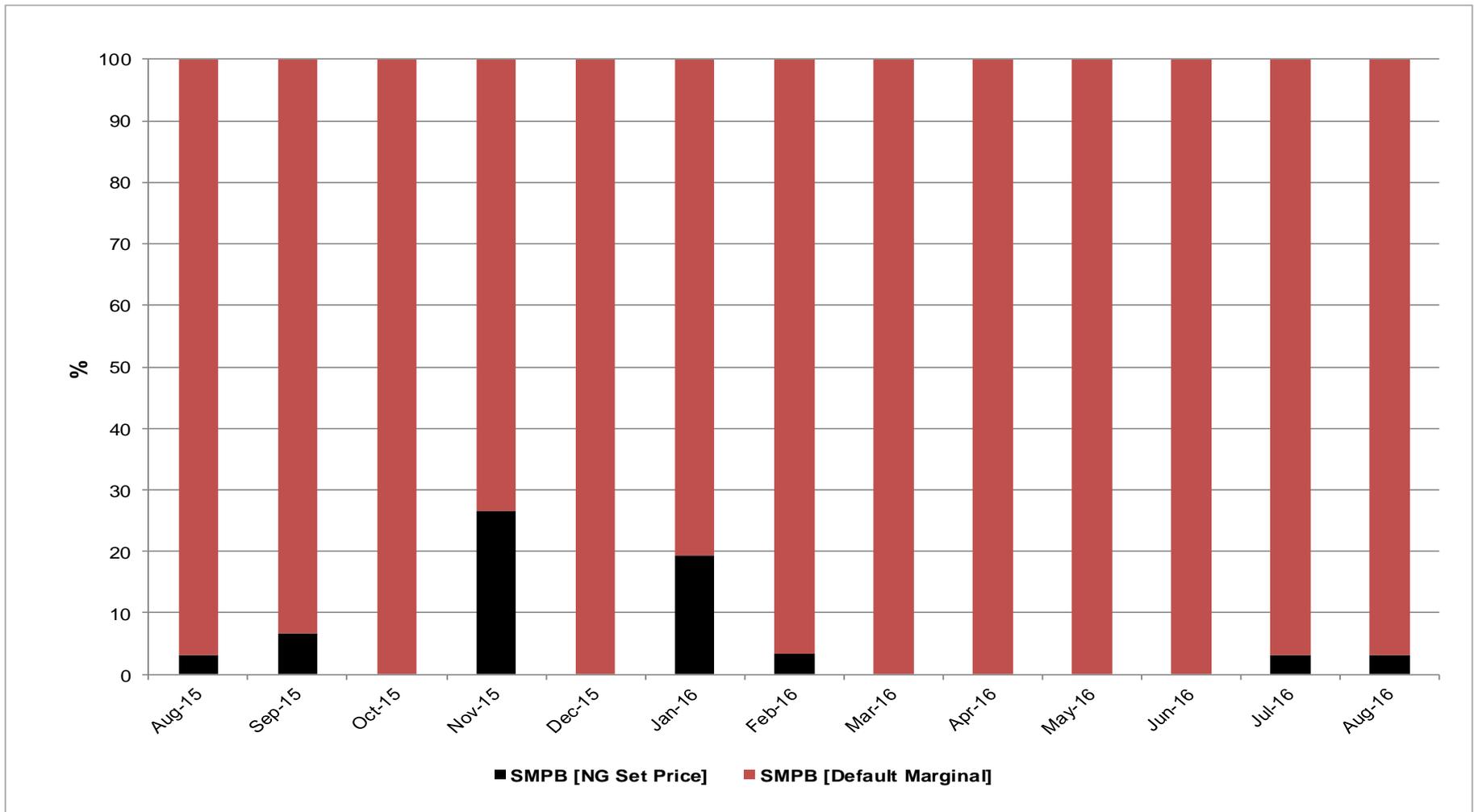
NGG Monthly Buys and Sells

August 2015 to August 2016 vs Previous Year



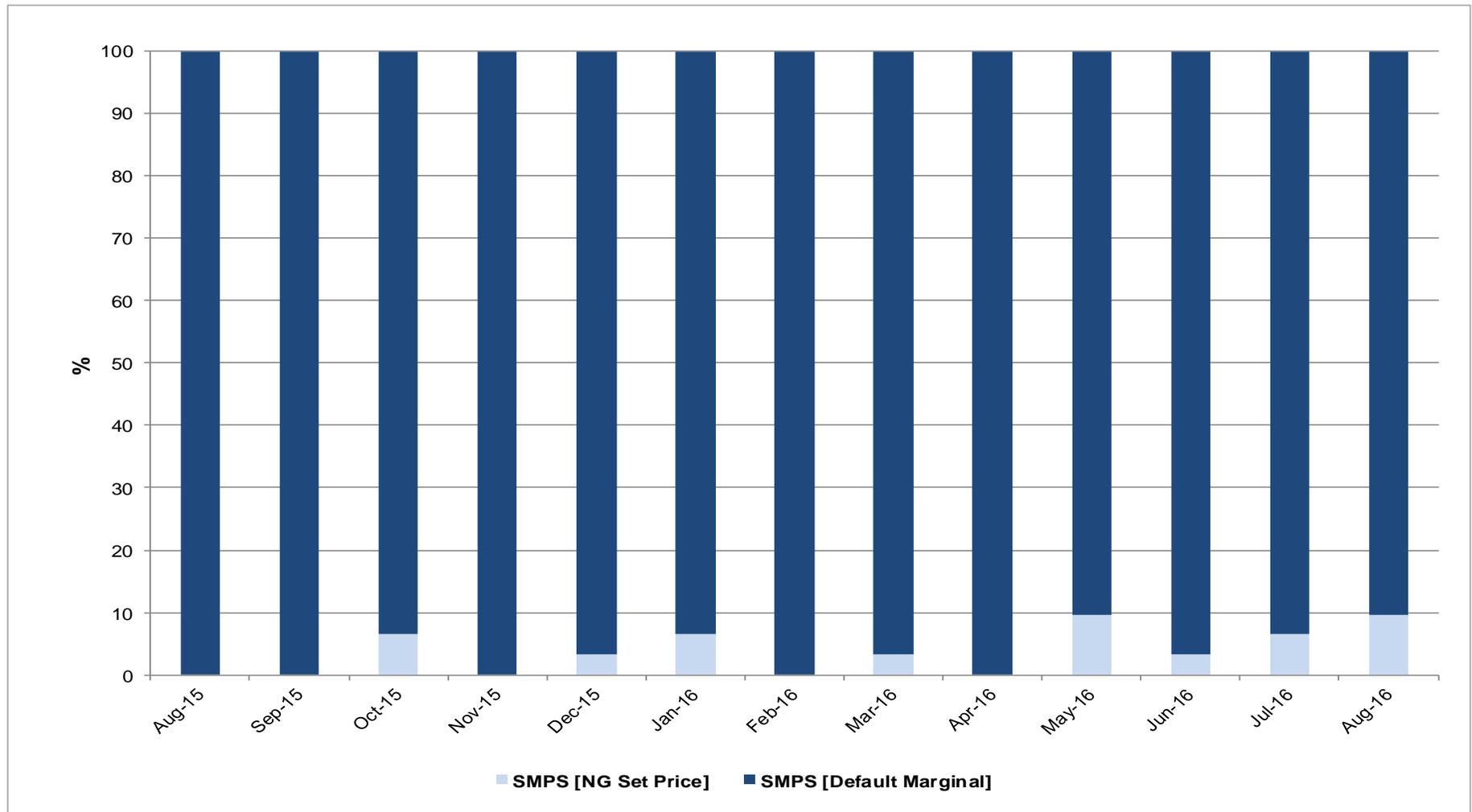
Days of Default SMP Prices (SMPB)

August 2015 to August 2016



Days of Default SMP Prices (SMPS)

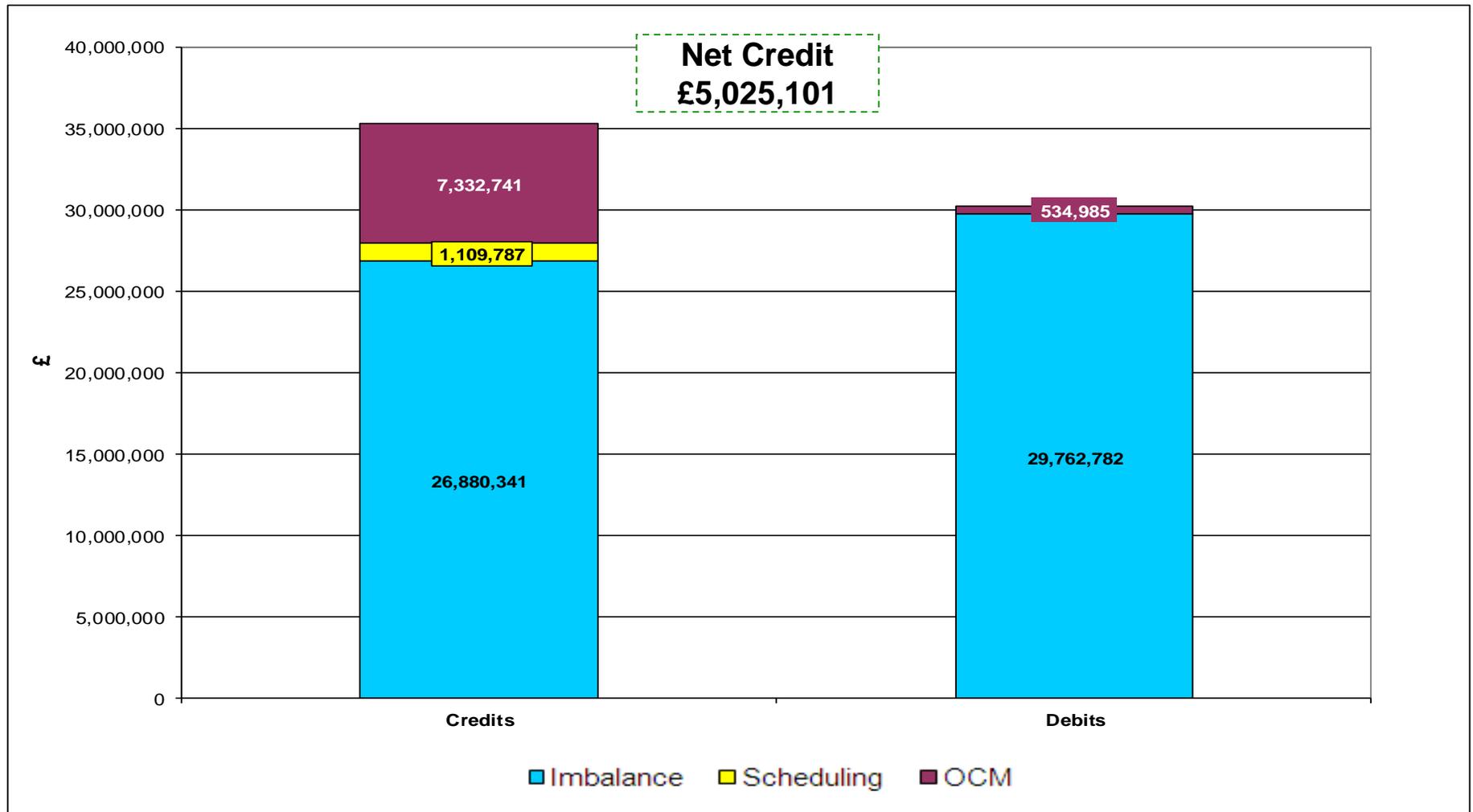
August 2015 to August 2016



Energy Balancing - Balancing Costs

Payments / Charges / Net Credit / Debit (Imbalance / Scheduling / OCM)

May / June / July 2016



Energy Balancing - Balancing Costs

Payments / Charges / Net Credit / Debit (Imbalance / Scheduling / OCM)

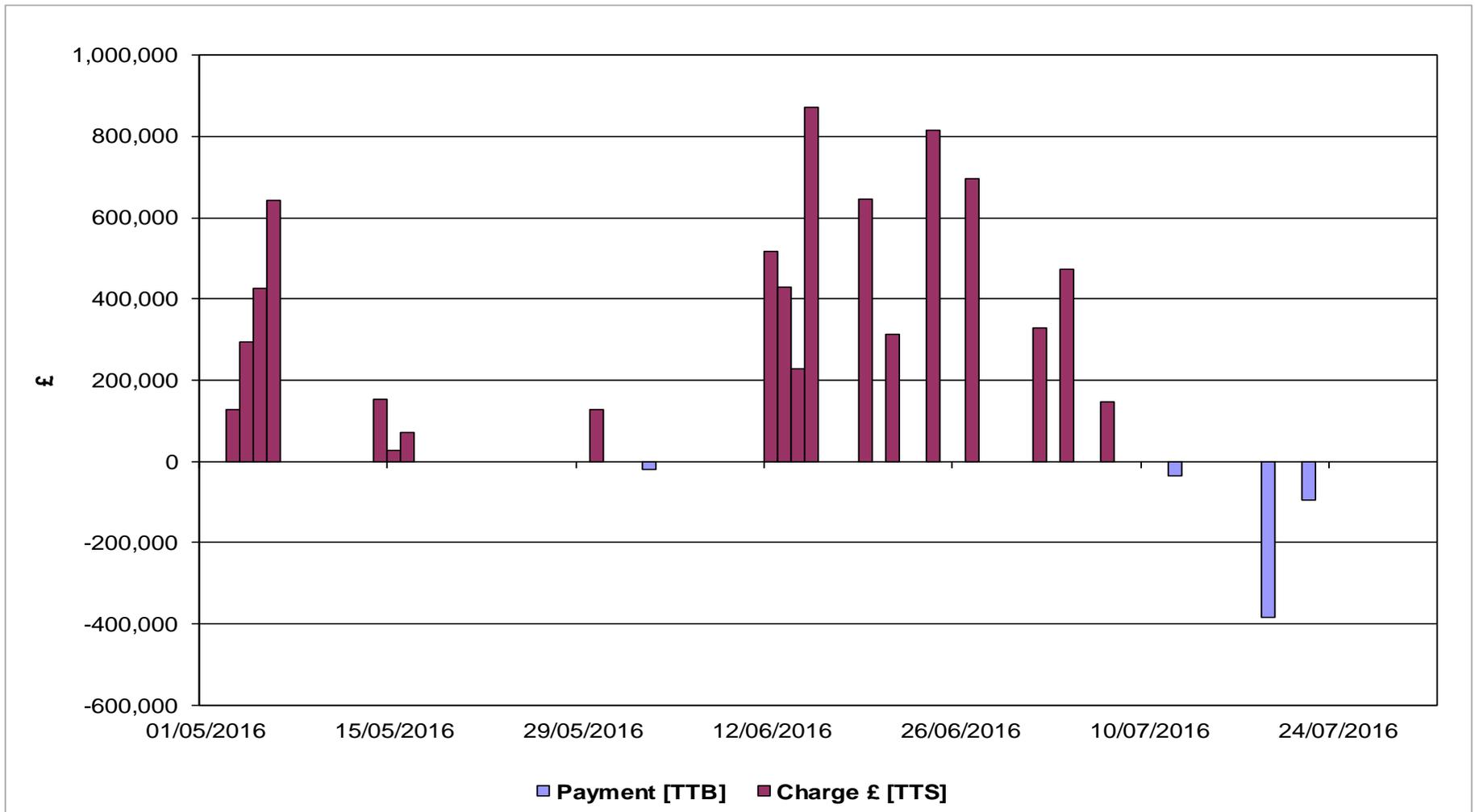
May / June / July 2016

		May-16	Jun-16	Jul-16
Imbalance	Payment £ [DCS]	-9,238,028	-10,739,798	-9,784,956
	Charge £ [DCT]	8,553,014	8,482,306	9,845,020
Scheduling	Exit Charge £ [DXS]	10,551	8,786	6,628
	Exit Charge £ [EXS]	82,049	53,625	65,162
	Entry Charge £ [ESC]	236,258	375,322	271,407
OCM	Payment £ [TTB]	0	-18,575	-516,410
	Charge £ [TTS]	1,868,395	4,515,612	948,734
Balancing Costs		1,512,239	2,677,278	835,584

Energy Balancing - Balancing Costs

OCM Payments / Charges

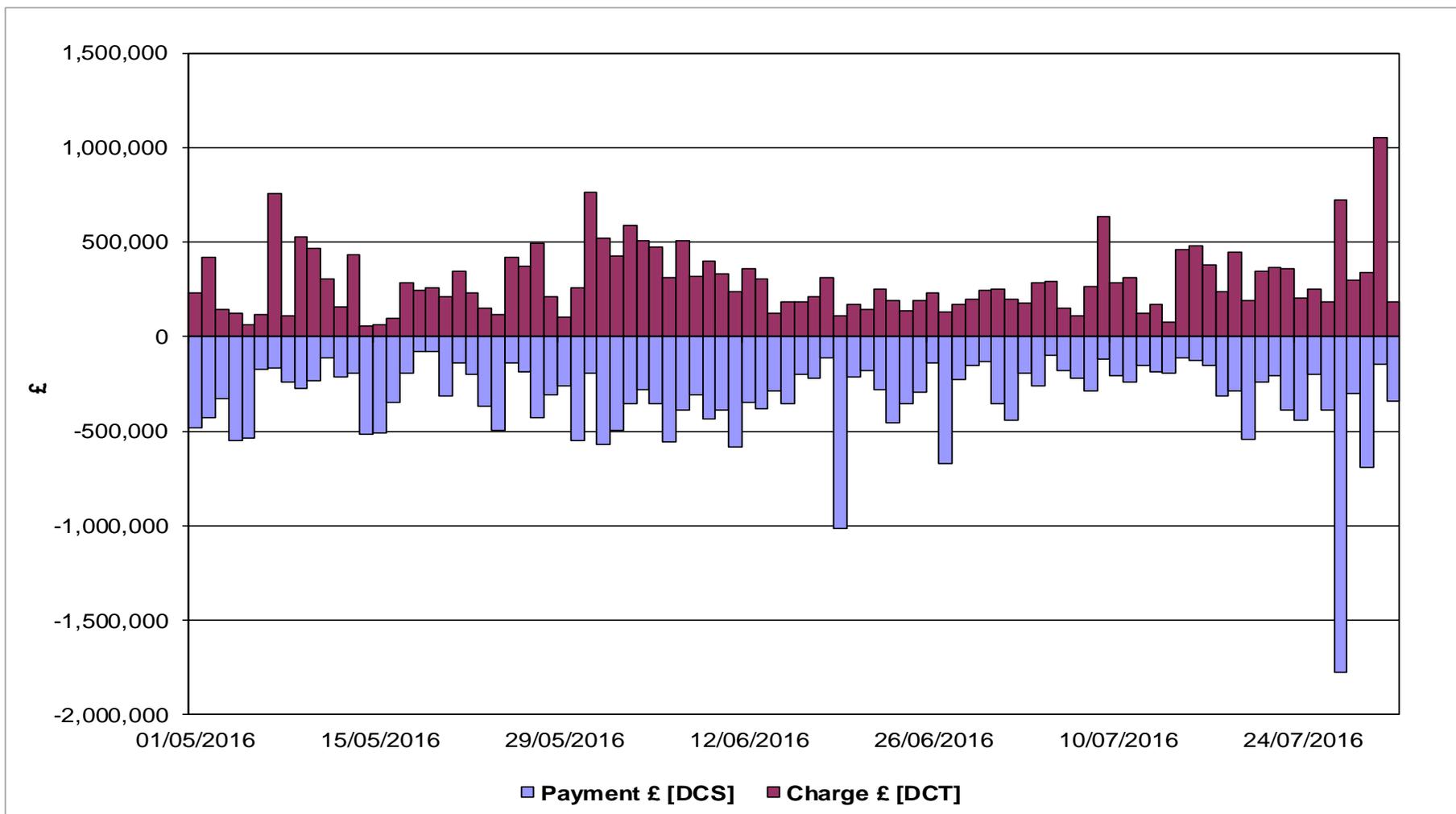
May / June / July 2016



Energy Balancing - Balancing Costs

Imbalance Payments / Charges

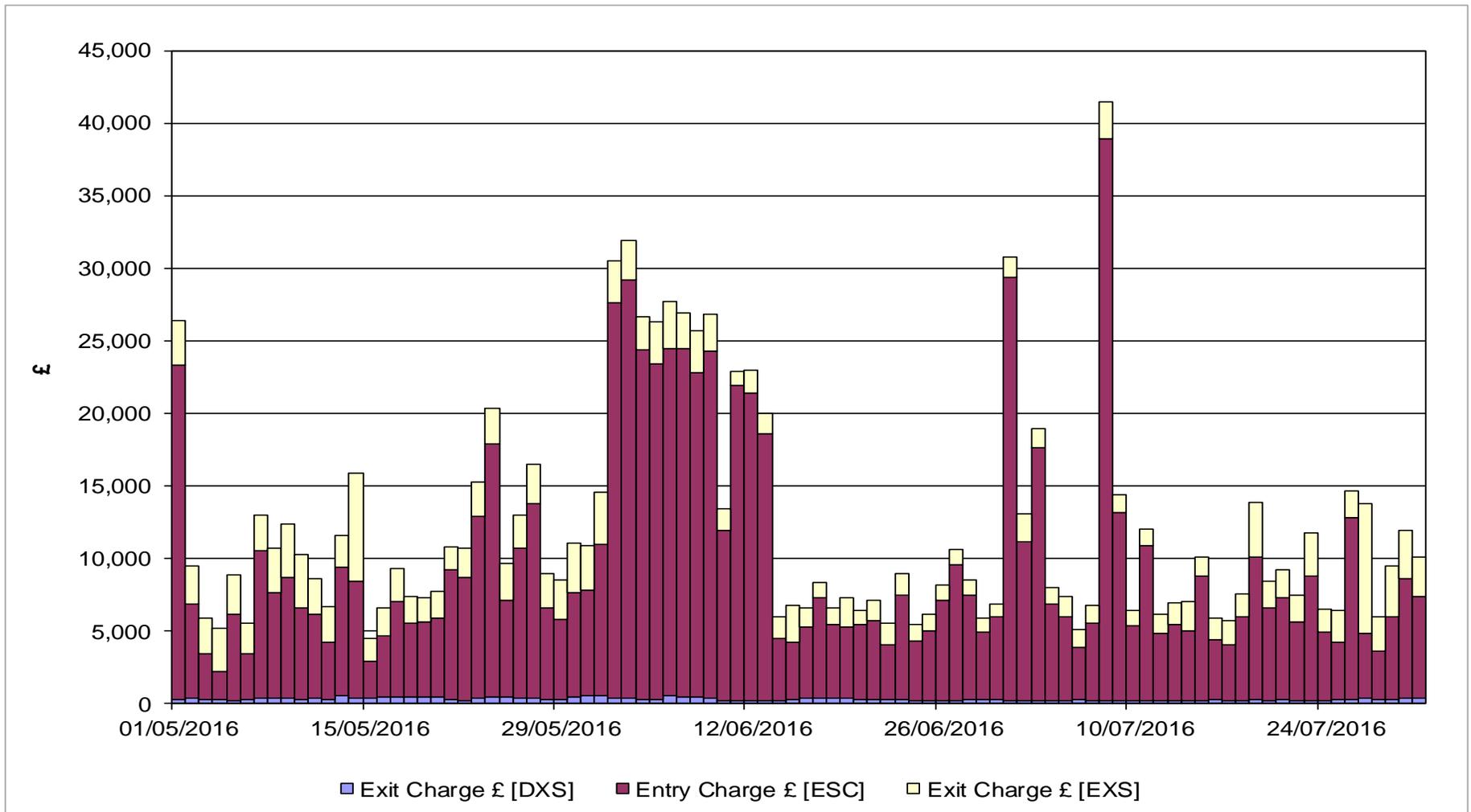
May / June / July 2016



Energy Balancing - Balancing Costs

Scheduling Charges

May / June / July 2016



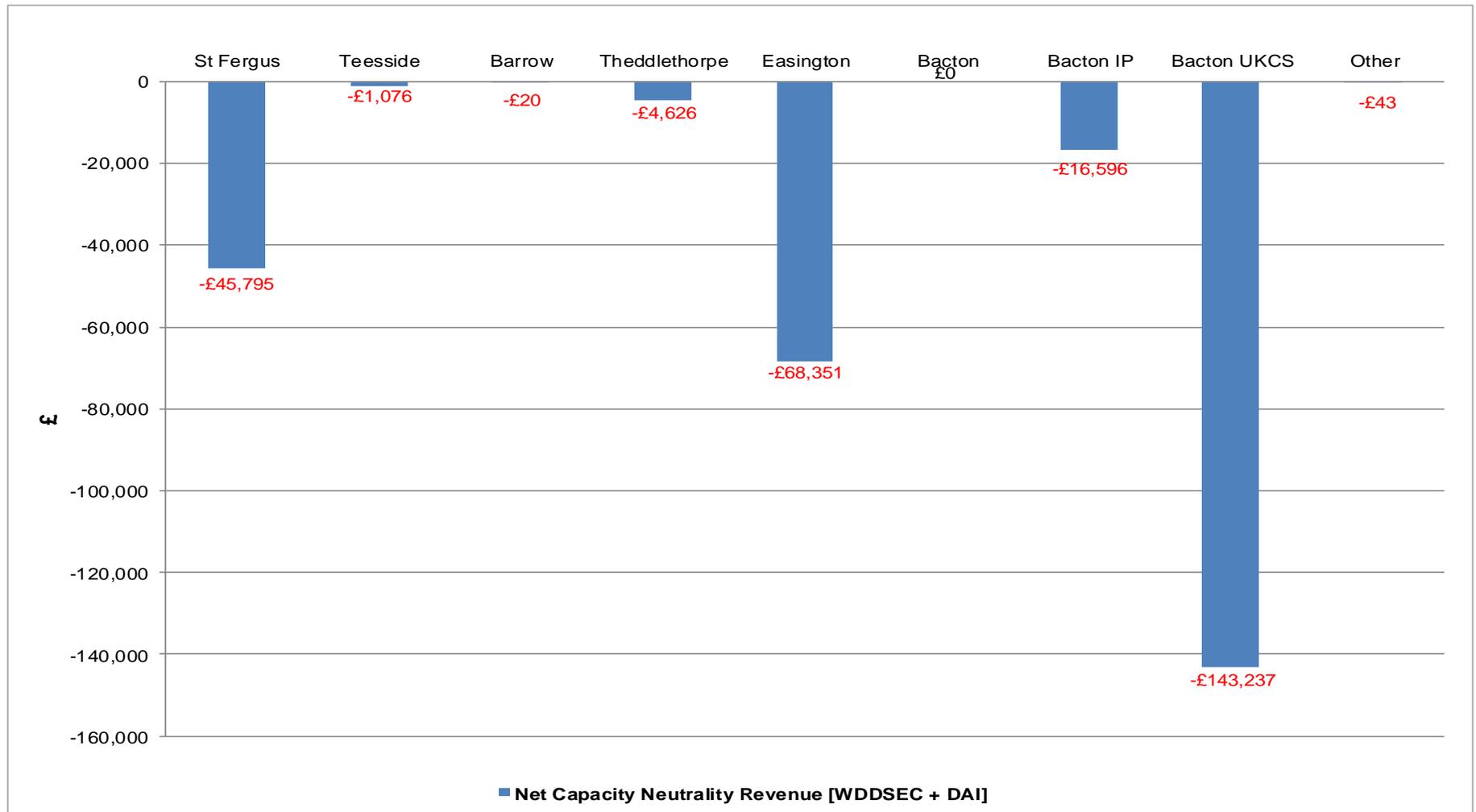
Capacity Neutrality Net Cost / Revenue

1st April 2016 to 31st August 2016

	Revenue/Costs
WDDSEC/DAI Entry Capacity Revenue	-£279,744
Total Entry Constraint Management Operational Costs	£0
Entry Capacity Overrun Revenue	-£442,627
Non-Obligated Sales Revenue (Entry only)	-£2,129
Revenue from Locational Sells and PRI Charges	£0
Net Revenue	-£724,500

Net Capacity Neutrality Revenue

1st April 2016 to 30th August 2016



Capacity Neutrality

1st April 2016 to 31st August 2016

Month	Entry Cap Overrun Revenue	Non-obligated sales revenue (entry)	Month	Locational Sells and PRI charges revenue
Apr-16	-£110,246	-£148	Apr-16	£0
May-16	-£79,691	-£21	May-16	£0
Jun-16	-£193,290	-£188	Jun-16	£0
Jul-16	£-59,400	-£1,740	Jul-16	£0
Aug-16	£0	-£32	Aug-16	£0
Sep-16			Sep-16	
Oct-16			Oct-16	
Nov-16			Nov-16	
Dec-16			Dec-16	
Jan-17			Jan-17	
Feb-17			Feb-17	
Mar-17			Mar-17	
Total	-£442,627 (FY16-17)	-£2,129 (FY16-17)	Total	£0 (FY16/17)